

REMARKS:

In the Office Action mailed on May 17, 2005, the Examiner objected to the drawings because they were informal, objected to the drawings because they did not show a connecting device inserted parallel with the printed circuit board, objected to claims 1 and 14 because the terminals were indicated as being “on” the housing when they should be “in” the housing, objected to claim 1 as having a the phrase “spacing the bottom wall of the housing spaced above the printed circuit board” when the phrase should read “spacing the bottom wall of the housing above the printed circuit board”, rejected claims 14 - 20 under 35 U.S.C. section 112 by failing to particularly point out and distinctively claim the subject matter since a flex section could not be at a right angle and still have a blade inserted into the receptacle parallel to the printed circuit board, rejected claims 1 - 4, 10-14, 17, 19-20, 21-27 under 35 U.S.C. section 102 (b) as being anticipated by Matthews (US5,431,576, and indicated that claims 5-9, 15, 16, and 18 would allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

With this amendment claims 1, 14 and 21 have been amended. Claims 1 - 27 remain in this application.

**Objections to the Drawings**

Attached are copies of the drawings marked as Replacement Sheets which represent a formal rendition of the drawings originally submitted as informal. No changes were made to the subject matter depicted in the drawings.

To overcome the second objection to the drawings in that the drawings did not show all of the claimed features, claims 1, 14 and 21 were amended to require that the blade be inserted into the receptacle in a direction parallel to the printed circuit board. This relationship is shown in Figures 1 and 3. Figure 1 shows the direction of blade insertion marked as “A” being parallel to the plane defined by the mounting sections 28 of the terminals circuit board. Although Figure 1 does not show a printed circuit board figure 3 does show the board with the plane of the mounting sections 28 being the same plane of the printed circuit board. Therefore, the drawings show that the blade is inserted in a direction parallel to the printed circuit board.

### **Objections to the claims**

To overcome the objection to the claims the word “on” in claims 1, 14 and 21 was replaced with the word “in” and the word “spaced” in claim 1 was deleted.

### **Objections to the claims under 35 U.S.C. section 112**

The Examiner objected to claims 14 - 20 as being indefinite for failing to particularly point out and distinctly claim the subject matter which the applicants regards as the invention. The basis for this objection is the belief by the Examiner that the flex section that is a right angle can not have the blade inserted into the receptacle parallel to the printed circuit board. The Examiner also suggested that it would be clearer to say the insertion axis is parallel to the printed circuit board. To more clearly claim the invention, claims 1, 14 and 21 have been amended to include the limitations that the blade be inserted in a direction parallel to the printed circuit board.

Claim 17 was also subject to an objection based upon the limitation “said other leg” not having sufficient antecedent basis. To overcome this objection claim 17 was amended to depend upon claim 15 which makes reference to legs rather than claim 14 which makes no reference to any legs.

### **Claim Rejections - 35 U.S.C. section 102**

The Examiner rejected claims 1 - 4, 10-14, 17, 19-20, 21-27 under 35 U.S.C. section 102 (b) as being anticipated by Matthews (US5,431,576). This was based in part on the Examiner’s belief that Figures 3 and 6 of Matthews et.al. show a blade receiving receptacle at a side of the housing. The applicants on the other hand believe that the Matthews et al. patent discloses a connector which receives a blade terminal only from the top and not from the side of a housing.

Figure 3 of Matthews shows a blade inserted into the top of the housing where the bottom of the housing is fixed with screws to a printed circuit board. Moreover, instead of showing a side entry, as suggested by the Examiner, Figure 6 of Matthews et al. patent is a

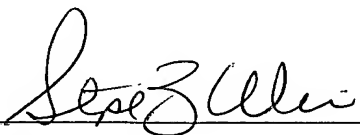
section view 6-6 of Figure 5. Figure 5 is a top view of the connector of Figure 3 which shows a blade receiving opening in the top and not the side of the housing. Since the Matthews et al. patent does not show a side entry blade receiving receptacle, the rejection under 35 U.S.C. section 102 (a) is improper.

#### **Allowed and Allowable Claims**

The Examiner is thanked for indicating that claims 5 - 9, 15, 16, and 18 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Changes to the claims as suggested by the Examiner were not made since they would not be needed in view of the arguments mentioned above.

Since all of the objections and rejections have been overcome, the Examiner is respectfully requested to allow all of the claims remaining in this application to grant into a patent.

Respectfully submitted,  
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